

**IN THE CLAIMS:**

Please amend the claims as shown below:

Claims 1-34 (Cancelled).

Claim 35. (Currently Amended) A method of making an indicator for testing ~~aldehyde~~  
~~in acetaldehyde emitted into the air by a polymer,~~ comprising the steps of:

- Q1
- (a) contacting a solution of 3-methyl-2-benzothiazolinone hydrazone hydrochloride ~~aldehyde-reactive~~ reagent with a carrier; and
  - (b) drying the reagent in an atmosphere non-reactive with said reagent to form an ~~aldehyde~~ acetaldehyde-reactive reagent coated carrier;
  - (c) applying said reagent coated carrier to a support; and
  - (d) providing a developing solution for use in quantifying an amount of acetaldehyde reacted with said reagent coated carrier.

Claim 36. (Cancelled).


Claim 37. (Currently Amended) The method of claim 35 ~~36~~, wherein the solvent for forming said solution is water.

Claim 38. (Currently Amended) The method of claim 35 ~~36~~, wherein the solvent for forming said solution is an organic solvent.

Claim 39. (Currently Amended) The method of claim 35 36, wherein the pH of said solution of 3-methyl-2-benzothiazolinone hydrazone hydrochloride reagent is optimized to promote solubilization of said ~~aldehyde~~ acetaldehyde-reactive reagent.

Claim 40. (Currently Amended) The method of claim 35 36, wherein said carrier is a plurality of particles.

Claim 41. (Currently Amended) The method of claim 35 36, wherein said carrier is a plurality of beads.

 Claim 42. (Currently Amended) The method of claim 35 36, wherein said carrier is a film.

Claim 43. (Currently Amended) The method of claim 35 36, wherein said carrier is a membrane.

Claim 44. (Currently Amended) The method of claim 35 36, wherein said carrier is a fiber.

Claim 45. (Currently Amended) The method of claim 35 36, wherein said carrier is a sheet.

Claim 46. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is a foam.

Claim 47. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is alumina.

Claim 48. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is a silica gel.

Claim 49. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is glass.

Claim 50. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is kaolin.

Claim 51. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is diatomaceous earth.

Claim 52. (Currently Amended) The method of claim 35 ~~36~~, wherein said carrier is ceramic.

Claim 53. (Currently Amended) The carrier of claim 35 ~~36~~, wherein said carrier is a synthetic polymer.

Claim 54. (Currently Amended) The method of claim 35 36, wherein said drying step is conducted with heat.

Claim 55. (Original) The method of claim 54, wherein said heat is supplied by a vacuum oven.

Claim 56. (Original) The method of claim 54, wherein said heat is supplied by a water bath.

Q1 Claim 57. (Original) The method of claim 54, wherein said heat is supplied by a heater tape.

Claim 58. (Original) The method of claim 54, wherein said heat is supplied by a heater mantle.

Claim 59. (Original) The method of claim 54, wherein said heat is supplied by a heater block.

Claim 60. (Original) The method of claim 54, wherein said heat is supplied by an infrared lamp.

Claim 61. (Original) The method of claim 54, wherein said heat is supplied by a microwave.

Claim 62. (Currently Amended) The method of claim 35 36, wherein said atmosphere is provided by a vacuum.

Claim 63. (Currently Amended) The method of claim 35 36, wherein said atmosphere is provided by a continuous flow of a dry non-reactive gas.

01 Claim 64. (Currently Amended) The method of claim 35 36, wherein said carrier and said support are inert to said ~~aldehyde~~ acetaldehyde-reactive reagent.

Claim 65. (Currently Amended) The method of claim 35 36, wherein said carrier is adhesively bonded to said support.

Claim 66. (Currently Amended) The method of claim 35 36, wherein said carrier is physically immobilized to said support.

Claim 67. (Currently Amended) The method of claim 35 36, wherein said carrier is a support.

Claim 68. (Currently Amended) A method of making an indicator for testing acetaldehyde emitted into the air by a ~~in~~ polyester polymer, comprising the steps of:

- (a) contacting a solution of 3-methyl-2-benzothiazolinone hydrazone hydrochloride ~~aldehyde-reactive~~ reagent with a particulate carrier;
- (b) drying the reagent coated particulate carrier in an atmosphere non-reactive with said reagent to form ~~aldehyde~~ an acetaldehyde-reactive reagent coated particulate carrier;
- (c) applying a thin layer of the coated particulate carrier to an adhesive tape inert to said reagent;
- (d) bonding said tape to a support; and
- (e) providing a developing solution for use in quantifying the amount of acetaldehyde reacted with said coated particulate carrier.

Claim 69. (Original) The method of claim 68 wherein said tape is single sided.

Claim 70. (Original) The method of claim 68 wherein said tape is double sided.

Claim 71. (Original) The method of claim 68, 69, or 70 wherein said tape covers a portion of said support.

Claim 72. (Currently Amended) The method of claim 68 wherein said solution is prepared by dissolving said 3-methyl-2-benzothiazoline hydrazone hydrochloride hydrate in water.

Claim 73. (Original) The method of claim 72 wherein the concentration of said 3-methyl-2-benzothiazoline hydrazone hydrochloride solution is between 0.5 to 3% by weight.

Claim 74. (Original) The method of claim 68 wherein said particulate carrier comprises alumina.

Claim 75. (Original) The method of claim 74 wherein said alumina is less than 180  $\mu\text{m}$  in size.

Claim 76. (Currently Amended) The method of claim 68 wherein said indicator has a lower detection limit of 0.5 ug of total acetaldehyde reacted with the strip ~~said indicator includes a detection limit of at least 0.5  $\mu\text{g}$  of acetaldehyde.~~

Claims 77-103 (Cancelled).

Claim 104. (New) The method of claim 35 wherein said developing solution comprises ferric chloride.

Claim 105. (New) The method of claim 68 wherein said developing solution comprises ferric chloride.